

Title (en)
Beverage machine

Title (de)
Getränkeautomat

Title (fr)
Automate à boissons

Publication
EP 2524637 B1 20140618 (DE)

Application
EP 12168061 A 20120515

Priority
DE 102011076214 A 20110520

Abstract (en)
[origin: EP2524637A1] The dispenser (1) has a main flow path (3) guided through a heating device (2) e.g. continuous-flow heater or boiler, and an auxiliary flow path (4) bypassing the heating device. The auxiliary flow path is branched from the main flow path at the upstream of the heating device. The main flow path is connected with a water tank (5) at an input-side and connected with a discharging point (6) at an output side. A main flow pump (7) is arranged in the main flow path between the water tank and the heating device, and an auxiliary flow pump (8) is arranged in the auxiliary flow path. The main flow pump and/or the auxiliary flow pump is designed as a vane pump, gear pump or magnetic piston pump.

IPC 8 full level
A47J 31/46 (2006.01); **A47J 31/00** (2006.01)

CPC (source: EP US)
A47J 31/002 (2013.01 - EP US); **A47J 31/469** (2018.07 - EP US); **A47J 31/5255** (2018.07 - EP US)

Cited by
IT202100032600A1; WO2023117246A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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US 2012291634 A1 20121122; US 8973487 B2 20150310

DOCDB simple family (application)
EP 12168061 A 20120515; DE 102011076214 A 20110520; JP 2012115781 A 20120521; US 201213476324 A 20120521